

AMENDMENTS TO THE CLAIMS:

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
5. (Cancelled)
6. (Cancelled)
7. (Cancelled)
9. (Cancelled)
10. (Cancelled)
18. (Cancelled)
19. (Cancelled)
22. (Cancelled)
23. (Cancelled)
24. (Cancelled)
25. (Cancelled)
26. (Cancelled)

28. (Cancelled)

29. (Cancelled)

1 30. (New) A piste-maintenance tracklaying vehicle comprising:

2 an internal combustion engine, connected with a generator;

3 at least one electric motor, drivingly connected via at least one gear to at least one drive  
4 sprocket of at least one track, and being switchable as a current generator in an overrun mode;  
5 electrohydraulic and/or electric accessory drives;

6 an electronic high performance device for controlling motors and accessory drives,  
7 wherein at least one electric accessory drive for a shaft of a rotary snow plow is synchronized  
8 with the electric motor of said drive sprocket and wherein the electronic high performance  
9 device is connected to the accessory drives to directly operate the accessory drives with energy  
10 gained by the electric motor, that is switched as a current generator in the overrun mode.

1 31. (New) The piste-maintenance tracklaying vehicle according to claim 30, wherein a  
2 planetary gear is arranged between electric motor and drive sprocket, and a steering gear is  
3 arranged in the case of only one electric motor for the drive sprocket of both tracks.

1 32. (New) The piste-maintenance tracklaying vehicle according to claim 30, wherein  
2 an energy buffer is fed by said generator or by said electric motor which operates as a  
3 generator.

1 33. (New) The piste maintenance tracklaying vehicle according to claim 30, wherein  
2 said internal combustion engine comprises an electronic engine control.

1           34. (New) The piste-maintenance tracklaying vehicle according to claim 30, wherein  
2   said electronic high-performance device is centrally arranged in said tracklaying vehicle for  
3   distributing energy to all consumers and for energy feedback.

1           35. (New) The piste-maintenance tracklaying vehicle according to claim 30, wherein  
2   all components of said tracklaying vehicle are composed in the manner of modules.

1           36. (New) The piste-maintenance tracklaying vehicle according to claim 30, wherein a  
2   winch with an electric accessory drive is capable of feeding back energy to the electronic high-  
3   performance device during downhill driving.

1           37. (New) The piste-maintenance tracklaying vehicle according to claim 30, wherein  
2   said electronic high-performance device or a vehicle control unit, respectively, is connected to  
3   a setpoint transmitter and comprises an electronic evaluation device at least for determining  
4   consumption-optimum speeds for said internal combustion engine.

1           38. (New) The piste-maintenance tracklaying vehicle according to claim 30, wherein a  
2   gear ratio of the snow plow shaft to the drive sprocket is adjustable.

1           39. (New) The piste-maintenance tracklaying vehicle according to claim 37, wherein  
2   said setpoint transmitter is designed as an accelerator for controlling speed and for braking  
3   purposes.

1           40. (New) The piste-maintenance tracklaying vehicle according to claim 39, wherein a  
2   predetermined setpoint is a set point of an electric motor speed.

1           41. (New) The piste-maintenance tracklaying vehicle according to claim 40, wherein  
2 the setpoint is convertible by the electronic high performance device into a speed which is  
3 predetermined for said internal combustion engine.

1           42. (New) The piste-maintenance tracklaying vehicle according to claim 30, wherein  
2 said electronic high performance device comprises a control for determining a consumption-  
3 optimum speed.

1           43. (New) The piste-maintenance tracklaying vehicle according to claim 30, wherein  
2 said vehicle has a safety logic for starting and stopping purposes, said logic sensing at least a  
3 position of a traveling direction switch, an actuation of an accelerator and of a parking brake.

